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Activating a research fault localization bot on your project? #1220

Edit

New issue

🕒 Open

dginelli opened this issue 17 days ago · 1 comment



dginelli commented 17 days ago

Spammy

😊

⋮

Hi!

We are software engineering researchers and are currently looking for active open-source projects where we could test a new cool software bot: flacocobot!

When a new pull request is open, if it has test failures/errors, flacocobot analyzes the failure and posts a diagnosis as comments to the pull request, highlighting the most suspicious lines that likely need to be analyzed to fix the bug.

flacocobot works as follows:

- When a new PR is open, if the test suite fails, flacocobot starts its analysis.
- The top k suspicious (potentially buggy) lines of code are then highlighted as comments to the PR.

We would love to have your feedback in order to understand what you like or you do not like, what we can improve, and if you find it useful!

If you are interested in trying it, we will run flacocobot on your project for a period of two weeks and then give you a 1-minute questionnaire to collect your feedback.

What do you think? Can we activate flacocobot for [CoreNLP](#)?

Thanks,

Davide (@[dginelli](#)), André (@[andre15silva](#)), Matias (@[martinezmarias](#)), Benjamin (@[danglotb](#)), Martin (@[monperrus](#))

You can find out more in our tools repos:

- <https://github.com/SpoonLabs/flacoco>
- <https://github.com/eclipse/repairnator>

Assignees

No one assigned

Labels

None yet

Projects

None yet

Milestone

No milestone

Linked pull requests

Successfully merging a pull request may close this issue.

None yet



Notifications

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2 participants





AngledLuffa commented 17 days ago

Contributor

😊

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If nothing else, we very rarely get PRs these days, so I think there's not really a lot to be gained from putting such a tool on our github. I'm not necessarily opposed to you running this yourself if it would give you valuable data. Just be aware that there won't be much to learn from running it.



dginelli commented 16 days ago

Author

Spammy

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Thank you for the information. I still would like to run the bot and see what it happens. If we will not be lucky, we will just ask you to fill a super short questionnaire about software bots in general.



Write

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Leave a comment

Attach files by dragging & dropping, selecting or pasting them.



🕒 Close issue

Comment

📄 Remember, contributions to this repository should follow its [contributing guidelines](#).